## TOP SEGRET

ARMY SECORITYAGI\#CY
$120 / 50 / 1095106$; $65-1.4$

Covirino.
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Frow: CSGASmi4
To:


## TOP-SECRET

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 TRO: Z万,







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Pecenter Pora


## $35 \operatorname{cop} 2 \mathrm{es}$

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29 D2tge

## TOP SEGRET

## Pege

A．Protiotraty Remarta ..... I
B．Cryptazenjole Succosesa di Ow：Chi os Courtry ..... 2
5ubain ..... 2
Polard ..... 3
Cecoheslc raisia ..... 4
Yugorlaria ..... 4
Rowatheia ..... 5
Frances ..... 6
Beigition ..... 7
5ヵtins 2arda ..... 3
Switzerlam ..... 8
Egyp ..... 8
「もきご ..... 8
England ..... 9
U．S．A． ..... 9
Dennuark ..... 10
Nerrag ..... 10
S\％＊อe ..... 10
Sfalion Forkgal．Iewdo Rurlen ..... 1.3
पuramy ..... 11
 ..... ir
Iram ..... 12
Greses ..... is
「ことしでは ..... 12
Bulgarie ..... 12
Jepen
2.
2.
Chira ..... 13
Aterta ..... 1.3
6．Appraitul or Succoasea ..... 14
D．Corchusion
$\pm 4$
$\pm 4$
isproin ..... 26

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$\therefore$ Aeluan zetase

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2. Jit. LANSE, tiken eselEsse to Eq ASA Euroye, wen the ABerican officar whe
 and tho sumerriscd tiee written Interrogatione hors prenented. The third questiod, to which refermace is here aede, concerced the croptranalytic

2. Second report of thit serien, DF-18TA.

## คTOP SEGRET





4. Furt to zein pice thin ocunt cirtoria scr tho racogation of tho





















 ti:one of this code with its infinite aditive reenifpherwent were achiersd, it wes probabis only shen by error the inifinite additive sequence had been used eoveral tirses; otheryise, solution would have been impoasible. For when blocks or edditive vers captured, it vas clear that the blocks could pot be used, to any nowhing of the fact that they were not allowed to be used exoept in casea oi catistrophe whon no other sjotexs cera avefzable.

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 orcin:














fionce insin acemicgly con-myatowatic but atill were intorpretad
 vaa probebly a gomcalled bodigit subetitution. I asctue it to be kown that
 ODteiced gortisent stratetic inforretion io geod season, The cover number of thin conficeatial asemitw a 3-digit muntor ( $40 \sigma^{2}$ ), In ang case the chief men of cist ard of the German Govornment inery frco the deciphorment of Polloh messagen

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\begin{aligned}
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& 1 \\
& 2
\end{aligned}-\frac{1}{2}
$$




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 sitroduce a new eynters: 5ndigit code reeociphered by inpinito additivo sequence. But even then Bucharest sade the wistake of paratiting sultiple us? of the very long adiftive sequence (as I recail it far orer 5, 000 digita),

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 woris these wore recognizai fitcout dipliculty and vera complied in tublio.


 Engitill or with the gramatically dificult ceds bocien of the Poten. These plein cedea formed the principal source of intelligence because the French uod thery witout ecruple for tice tracmienion of faportant meneagee while they uned reorciphered codee more rarely. As long as the French used aicese eubstitution taicles for parizial reansipherment of the 4 -digit codee, solution was regulerigr

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 thera deciphased weasegea tain could be kept on the Fionch Amy fer beck iato the horselad.

Belgiun: Belgium uged a letter cor* (5-1atter ?) which was reenciphered hy a oubstifution trole coneacted ulth tize dete. AE loas as ebundant iraficic sras

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Mreazdixg


 5ent.
3. STNTER presumably meent "Lutch" or "izetherlanc". LTranslator's notef. TOPSEGRET

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 Fonilecly gate the mepement, of the Engitah wocps. The replecervent of the syatem which then reeuitfò wey ostenefiniy due to the fact that some one in
 thin sclution leaksd through to unauthorized German cfficer circles in Italy. The fact thet later on a soluticu of the problen could co longer be forced

## -TOP SEGRET



 y2 3y





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 uchis 5ecutisi.









 Echit liavo a tionard diffaront ening in prectice. Than then coda was a troindil exaxgle of cre deeperly constructed. The contant of the fery matagea recelved wes levily of no moment.

The buit of the Suraish meagezea vas onctohered by means of Hagelin's Teinik. Hosorer the "wasket" of thia dovice, i. e., the drum conalstios of 25 (1) wars with the varlous riciere uas probably varied from messege to mogags

## -TOP SEGRET













 EOl?
 2t:



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 cysters wnre poor and triled to Fore English system on Tratroy but Turbey dit rot, tilll for tinese?

## Iran: Cnly a few very prinitive criptozrabic aystoms.


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## －TOP SEGRET










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#### Abstract

  FMs nut まoturongo                       


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## 20






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## D. Cancusica

 Gan?


 - 5 gex









2. Vith barich refused as mnvecessery the decininemsont or ococomic and comeroial mescages,
3. With sot havine kept unit cepable of perioring its duties by traris.


## -TOP-SEGRET

[^1]Fincta zaner 33.9 .2946

## FOP SEGRET

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S. Du*











 (Fstixeran ), orc.



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A secrat tezi, coilcnuially alon e cryptograpicic syetom, to "derifed"

 encruter tolecrosi, ete.

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|  | 4297e | 29557 | 35715 |
| Scczotiterst | A-gig | -4985 | $7800:$ |



$0-3 \quad 5-2$
$2.6 \quad 6.3$
$2-0 \quad 7-3$
3~1 8.04
$409 \quad 9.2$
O. g. Phaln text: Acseron to $\begin{aligned} & \text { Jour } \\ & \text { colegran }\end{aligned}$ $\div$

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## TOP SEGRET






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